

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1 to 22 (canceled)

23. (previously presented) A fuse having both a short circuit element and a current overload element, comprising:

a short circuit indicator electrically communicating in parallel with the short circuit element, wherein the short circuit indicator is coated with a chemical composition that is adapted to vaporize after a short circuit occurs;

a current overload indicator electrically communicating in parallel with the current overload element, wherein the overload indicator is coated with a chemical composition that is adapted to vaporize after a current overload occurs; and

a single, rigid body that houses the short circuit element, current overload element, short circuit indicator and current overload indicator, wherein, (i) the body is fixed to conductive end caps that are exposed and configured to be fitted to mating connectors, (ii) the elements and indicators communicate electrically with the end caps, and (iii) the body defines at least one opening sized and shaped for a person to view both indicators located within.

24. (previously presented) The fuse of Claim 23, which includes a viewing area that changes visually when the short circuit element opens and when the current overload element opens.

25. (previously presented) The fuse of Claim 23, which includes a first viewing area that changes visually when the short circuit element opens and a second viewing area that changes visually when the current overload element opens.

26. (previously presented) A fuse having diagnostic blown fuse indication comprising:

a short circuit element having an area of higher electrical resistance between conductive ends, the area tending to open upon a short circuit;

a time delay element communicating electrically with one of the ends of the short circuit fuse element, the time delay element opening due to a current overload;

a short circuit indicator operating in parallel with the short circuit element;

a current overload indicator operating in parallel with the time delay element; and

a single, rigid body that houses the short circuit element, time delay element, short circuit indicator and current overload indicator, wherein, (i) the body is fixed to conductive end caps that are exposed and configured to be fitted to mating connectors, (ii) the elements and indicators communicate electrically with the end caps, and (iii) the body defines at least one opening sized and shaped for a person to view both indicators located within.

27. (previously presented) The fuse of Claim 23, wherein the current overload element is electrically communicating in series with the short circuit element.

28. (previously presented) The fuse of Claim 26, wherein the short circuit indicator is electrically communicating in parallel with the short circuit element.

29. (previously presented) The fuse of Claim 26, wherein the current overload indicator is electrically communicating in parallel with the time delay element.

30. (previously presented) The fuse of Claim 26, wherein the time delay element is electrically communicating in series with the short circuit element.

31. (previously presented) The fuse of Claim 26, wherein at least one of the indicators includes gun cotton and an igniter wire in contact with the gun cotton.

32. (previously presented) The fuse of Claim 26, wherein at least one of the indicators is coated with a chemical composition that vaporizes upon a fault condition.